

# Service Split Rim Wheels Safely

WAC 296-864-400

## Section Contents

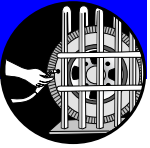
### YOUR RESPONSIBILITY:

**To establish and use procedures to service split rim wheels safely**

#### You must

Establish a safe operating procedure for split rim wheels WAC 296-864-40005. ....	400-2
Follow these procedures for demounting split rim wheels WAC 296-864-40010. ....	400-3
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# Service Split Rim Wheels Safely

WAC 296-864-400

## Rule

**WAC 296-864-40005**

**Establish a safe operating procedure for split rim wheels**

### You must

- Establish a safe operating procedure for servicing split rim wheels that includes the procedures in WAC 296-864-40010 through 296-864-40020.
- Instruct employees in that procedure.

# Service Split Rim Wheels Safely

WAC 296-864-400

## Rule

WAC 296-864-40010

Follow these procedures for demounting split rim wheels

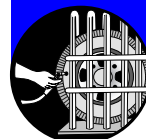
### You must

- Follow the relevant procedures in Table 1, Procedures for Deflating Split Rim Wheels.

**Table 1**  
**Procedures for Demounting Split Rim Wheels**

During these times	Then
Demounting rim wheels	Make sure tires are completely deflated before demounting by removal of the valve core.
During either of the following situations:  – The tire has been driven underinflated at 80 percent or less of its recommended pressure <b>or</b> – There is obvious or suspected damage to the tire or wheel component	Deflate the tires completely by removing the valve core, before a rim wheel is removed from the axle.

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# Service Split Rim Wheels Safely

WAC 296-864-400

## Rule

WAC 296-864-40015

Follow these procedures when working on split rim wheels and components

### You must

- Follow the relevant procedures in Table 2, Procedures for Working on Split Rim Wheels and Components.

**Table 2**  
**Procedures for Working on Split Rim Wheels and Components**

During these times	Then
A split rim wheel is in a restraining device	Make sure employees don't rest or lean any part of the body or equipment on or against the restraining device.
Assembly of the wheel and inflation of the tire	Apply rubber lubricant to bead and rim mating surfaces, unless the tire or wheel manufacturer recommends against it.
After tire inflation	Do both of the following: – Inspect the tire and wheel components while still within the restraining device <b>and</b> – Make sure that they are properly seated and locked.
When adjusting the tire or wheel components	Deflate the tire by removal of the valve core before the adjustment is made.

# Service Split Rim Wheels Safely

WAC 296-864-400

## Rule

WAC 296-864-40020

Follow these procedures for inflating split rim wheels

### You must

- Follow the relevant procedures in Table 3, Procedures for Inflating Split Rim Wheels.

**Table 3**  
**Procedures for Inflating Split Rim Wheels**

During these times	Then
Split rim wheels are being inflated	Make sure employees stay out of the trajectory.
When all of the following occur: <ul style="list-style-type: none"><li>– A tire on a vehicle has more than 80 percent of the recommended pressure</li><li><b>and</b></li><li>– Remote control inflation equipment is used;</li><li><b>and</b></li><li>– No employees are in the trajectory during inflation.</li></ul>	The tire may be inflated while the rim wheel is on the vehicle.
Assembly of the wheel and inflation of the tire	Apply rubber lubricant to bead and rim mating surfaces, unless the tire or wheel manufacturer recommends against it.
Inflating tires outside of a restraining device	Make sure you don't exceed 5 psi (pounds per square inch) to seat the bead.
The tire is pressurized	Make sure you don't correct the seating of side and lock rings by hammering, striking or forcing the components.



#### Note:

- Employees should stay out of the trajectory as much as possible while installing the split rim wheel onto the vehicle.
- The trajectory may deviate from its expected path.

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